

IN THE CLAIMS

1. (currently amended) An audio and/or video signal transmission system for transmitting an audio and/or video signal between a transmitting peripheral apparatus and a receiving apparatus, the system comprising:

the audio and/or video signal transmitting peripheral apparatus including analog audio and/or video signal generating means for generating an analog audio and/or video signal, digital audio and/or video signal generating means for generating a digital audio and/or video signal, analog output means for outputting said analog audio and/or video signal, information generating means for generating a digital information signal containing information identifying a type of said transmitting peripheral apparatus and an equipment brand name of said transmitting peripheral apparatus and indicating a format type of said analog audio and/or video signal or said digital audio and/or video signal, a multiplexing circuit for multiplexing the digital information signal and the digital audio and/or video signal and producing a multiplexed digital signal, and a digital input/output means for inputting/outputting said multiplexed digital signal, and

the audio and/or video signal receiving apparatus including a plurality of analog input means for inputting an analog audio and/or video signal from the analog output means, digital input/output means for inputting/outputting the multiplexed digital signal to/from the digital input/output means of said transmitting peripheral apparatus, a demultiplexing circuit for demultiplexing an output of said digital input/output means and producing a first output of said digital information signal and a second output of said digital audio and/or video signal,

wherein the audio and/or video signal transmitting peripheral

apparatus is operable to (a) asynchronously transmit the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus and (b) to isochronously transmit said digital audio and/or video signal, based on synthesizing said digital audio and/or video signal and the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus in said multiplexing circuit, and

wherein the transmitting peripheral apparatus is connected to the receiving apparatus, and the format type selectively indicates analog signal and digital signal;

wherein said audio and/or video signal receiving apparatus further includes:

information processing means receiving the first output from said demultiplexing circuit for generating an image signal therefrom for use in displaying the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name of the peripheral apparatus and the format type of the output video signal from the audio and/or video signal transmitting peripheral apparatus, wherein the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name of the transmitting peripheral apparatus and the format type are indicated by respective predetermined characters or by a logo,

signal forming means for forming a display video signal from said analog audio and/or video signal from said analog input means, and/or from said digital audio and/or video signal from said demultiplexing means, and

means for superimposing the image signal on the display video signal, so that when displayed the predetermined characters or logo

are superimposed on a displayed image such that a user can view the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name and the format type pertaining to the display video signal currently being displayed at the time the display video signal is displayed.

2. (previously presented) The audio and/or video signal transmission system as claimed in claim 1, wherein

said information generating means forms and transmits information indicating the format of said apparatus and/or output signal according to a predetermined code, and

said information processing means determines the format of said apparatus and/or output signal in accordance with a comparison table containing a plurality of codes for superimposing said image in said video image.

3. (cancelled)

4. (previously presented) The audio and/or video signal transmission system as claimed in claim 1,

wherein said logo is transmitted by being formed in a bit map format.

5. (previously presented) The audio and/or audio video signal transmission system as claimed in claim 1,

wherein said audio and/or video signal receiving apparatus superimposes said image on said display video signal corresponding to the information identifying said transmitting peripheral apparatus

and indicating the format type of the video signals

transmitted from said audio and/or video signal transmitting peripheral apparatus, and

said system further comprising window synthesis means for synthesizing said video signal with said image superimposed thereon using a plurality of windows.

6. (previously presented) The audio and/or video signal transmission system as claimed in claim 1,

wherein said audio and/or video signal and said information indicating the format of said apparatus and/or output signal in said digital input/output means are transmitted using a format specified in IEEE1394.

7. (currently amended) An audio and/or video signal transmitting peripheral apparatus comprising:

analog audio and/or video signal generating means;

analog output means for outputting said analog audio and/or video signal;

digital audio and/or video signal generating means for generating a digital audio and/or video signal;

information generating means for generating a digital information signal including information identifying a type of said transmitting peripheral apparatus and an equipment brand name of said transmitting peripheral apparatus and indicating a format of an output signal supplied from the apparatus, wherein the transmitting peripheral apparatus is connectable with a receiving apparatus, and the format type can indicate analog signal and digital signal;

a multiplexing circuit for multiplexing said digital audio and/or video signal and the digital information signal and

producing a multiplexed digital signal; and

digital input/output means for outputting the multiplexed digital signal from the multiplexing circuit,

in which said transmitting peripheral apparatus is operable (a) to asynchronously transmit the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus and (b) to isochronously transmit said digital audio and/or video signal, based on synthesizing said digital audio and/or video signal and the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus in said multiplexing circuit.

8. (previously presented) The audio and/or video transmitting peripheral apparatus as claimed in claim 7,

wherein said information generating means forms said information indicating the format of said output signal according to a predetermined code.

9. (previously presented) The audio and/or video transmitting peripheral apparatus as claimed in claim 7,

wherein said information generating means forms said information identifying the type of said transmitting peripheral apparatus and indicating the format of said output signal according to a predetermined logo character.

10. (previously presented) The audio and/or video transmitting peripheral apparatus as claimed in claim 9,

wherein said logo character is formed and transmitted in a bit map data format.

11. (previously presented) The audio and/or video transmitting peripheral apparatus as claimed in claim 7,

wherein said audio and/or video signal and said information identifying the type of said transmitting peripheral apparatus and indicating the format of said output signal from said digital input/output means are transmitted using a format specified in IEEE1394.

12. (currently amended) An audio and/or video signal monitor/receiver receiving an audio and/or video signal from a transmitting peripheral apparatus including a receiver and a recording/reproducing apparatus, comprising:

a plurality of analog input means for respectively inputting analog audio and/or video signals from the transmitting peripheral apparatus;

a digital input/output means for inputting/outputting a digital audio and/or video signal multiplexed with a digital information signal originating from a transmitting peripheral apparatus identifying a type of the transmitting peripheral apparatus and an equipment brand name of the transmitting peripheral apparatus and indicating a format of the digital audio and/or video signal fed thereto;

a demultiplexing circuit for separating said digital information signal from the input digital audio and/or video signal fed to said digital input/output means and producing a first output of said digital information signal and a second output of said digital audio and/or video signal; and

information processing means receiving the first output from said demultiplexing circuit for generating an image signal

therefrom for use in displaying the type of the transmitting apparatus and the equipment brand name of said transmitting peripheral apparatus and indicating the format of the video signal from the transmitting peripheral apparatus, wherein the type of the transmitting peripheral apparatus and the format type are indicated by letter characters;

signal forming means for forming a display video signal from said analog audio and/or video signal from said audio input means, and/or from digital audio and/or video signal from said demultiplexing circuit; and

means for superimposing the image signal on the display video signal, so that when displayed the letter characters are superimposed on a displayed image such that a user can view the type of the transmitting peripheral apparatus, the equipment brand name of the transmitting peripheral apparatus and the format pertaining to the display video signal currently being displayed at the time the display video signal is displayed,

wherein said demultiplexing circuit is operable to separate signals from ~~in which~~ said transmitting peripheral apparatus that is operable to asynchronously transmit the signal identifying the type of said transmitting peripheral apparatus and the equipment brand name of the transmitting peripheral apparatus and (b) to isochronously transmit said digital audio and/or video signal, based on synthesizing said digital audio and/or video signal and the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus in a multiplexing circuit,

wherein the transmitting peripheral apparatus is connectable with the receiver, and the format type selectively indicates analog signal and digital signal.

13. (previously presented) The audio and/or video monitor/receiver as claimed in claim 12, wherein

the information supplied to said digital input/output means is formed by a predetermined code, and

the superimposing means superimposes said image on said display video signal by determining a format of said apparatus and/or transmission signal at the transmitting end according to a comparison table having said predetermined code preset therein.

14. (previously presented) The audio and/or video monitor/receiver as claimed in claim 12, wherein

the information supplied to said digital input/output means is formed and transmitted with a predetermined logo character, and

said transmitted logo character is received and superimposed on said display video signal.

15. (previously presented) The audio and/or video monitor/receiver as claimed in claim 14,

wherein said logo character is formed and transmitted in a bit map data format.

16. (previously presented) The audio and/or video monitor/receiver as claimed in claim 12, wherein

said image is superimposed on said display video signal corresponding to the format of said apparatus and/or transmission signal at said transmitting end for each of a plurality of said received video signals, and

the apparatus further comprises window synthesis means for synthesizing said video signal with said image superimposed thereon

using a plurality of windows.

17. (previously presented) The audio and/or video monitor/receiver as claimed in claim 12,

wherein the format of said audio and/or video signal in said digital input/output means and said apparatus and/or transmission signal at the transmitting end are transmitted using a format specified in IEEE1394.

18. (previously presented) The audio and/or video signal transmission system as claimed in claim 1, in which the audio and/or video signal transmitting peripheral apparatus is operable to isochronously transmit the digital audio and/or video signal.

19. (previously presented) The audio and/or video transmitting peripheral apparatus as claimed in claim 7, in which the audio and/or video signal transmitting peripheral apparatus is operable to isochronously transmit the digital audio and/or video signal.

20. (previously presented) The audio and/or video monitor/receiver as claimed in claim 12, in which the transmitting peripheral apparatus is operable to isochronously transmit the digital audio and/or video signal.

21. (previously presented) The audio and/or video signal transmission system of claim 1 wherein a superimposed display video signal from the means for superimposing the image signal inputted through the digital input/output means on the display video signal includes a signal from the analog input means.

22. (previously presented) The audio and/or video signal monitor/receiver of claim 12 wherein a superimposed display video signal from the means for superimposing the image signal inputted through the digital input/output means on the display video signal includes a signal from the analog input means.